

RESOLUTION NO. 2019-3

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AUTHORIZING THE VILLAGE MANAGER TO ISSUE A WORK ORDER TO THE CORRADINO GROUP, INC. FOR AS-BUILT PLANS FOR THE VILLAGE'S TRAFFIC SIGNALIZATION PROJECT; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the Village of Key Biscayne ("Village") issued Request for Qualifications No. 2016-02-09 ("RFQ") for continuing professional engineering services; and

WHEREAS, pursuant to the RFQ, the Village Council selected the Corradino Group, Inc. (the "Consultant") as one of the consultants to provide continuing professional services relating to general civil engineering, transportation planning and engineering, environmental engineering, and landscape architecture, and authorized the Village Manager to execute an agreement with the Consultant; and

WHEREAS, Consultant has provided a proposal, attached as Exhibit "A," (the "Proposal") to provide signalization analysis and as-built plans for the Village's traffic signalization project (the "Project"); and

WHEREAS, the Village Council desires to authorize the Village Manager to issue a work order for the Project consistent with the Proposal and the professional services agreement entered into between the Village and Consultant; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Authorization.** That the Village Manager is hereby authorized to issue a work order to Consultant for the Project that is consistent with the Proposal in an amount not to exceed \$42,000.00.

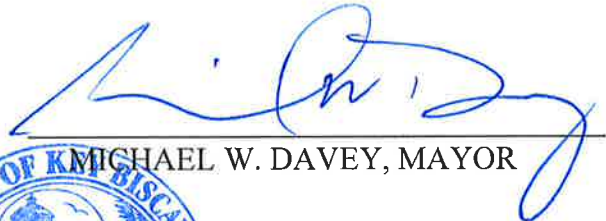
Section 3. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this 15th day of January, 2019.

ATTEST:


JENNIFER MEDINA, CMC
VILLAGE CLERK




MICHAEL W. DAVEY, MAYOR

APPROVED AS TO FORM AND LEGAL SUFFICIENCY


VILLAGE ATTORNEY

EXHIBIT "A"

THE CORRADINO GROUP, INC.

CORRADINO

ENGINEERS • PLANNERS • PROGRAM MANAGERS • ENVIRONMENTAL SCIENTISTS

December 4, 2018

Charles R. Press
Police Chief
Village of Key Biscayne
Public Works Department
88 West McIntyre Street
Key Biscayne, FL 33149

Re: Crandon Boulevard Plans for Signalization Upgrades

Dear Chief Press,

I. GENERAL

The general objective for the Consultant is to provide all project management and professional engineering services required for the design and preparation of Signalization Upgrade Plans which consist of the following (refer to Exhibit I):

1. Ocean Drive (Asset 3545) - Four (4) new VDCs proposed to replace the 4 existing ones and one blueTOAD to be added to the upright for the mast arm on the SE corner
2. W. McIntyre (Asset 3834)
 - a. Mast arm on the NE corner – One (1) new VDC is proposed (structural analysis required)
 - b. Mast arm on SW corner – Two (2) VDCs to replace the 2 existing (Econolite will revise drawings from the currently 3 proposed to only 2)
 - c. Mast arm on SE corner – One (1) proposed VDC replacing the existing one
3. Sonesta Drive (Asset 6316) – Four (4) VDCs proposed to replace the 4 existing ones
4. Key Colony (Asset 4578)- The exiting Wavetronix will remain, only a controller will be installed
5. West Wood Drive (Asset 5038) - Four (4) VDCs proposed to replace the 4 existing ones

Elements of work shall include Signalization analysis, Signalization Plans and Structural Analysis. Permitting with Miami-Dade County, Department of Transportation and Public Works Traffic Signals and Signs Division is not included as part of this contract and will be conducted by Econolite. All plans and design documents are to be prepared with Standard English values in accordance with all applicable engineering manuals and guidelines.

The Work detailed in this Proposal can be completed within ten (10) weeks from your notice to proceed (please refer to Section III for a submittal schedule) for a total fee of \$41,367.20

SCOPE OF WORK

Project Activity 3: General

Task No. 3.6 Prime Consultant Project Manager Meetings

Includes all efforts required for Project Manager coordination meetings and field review.

4055 NW 97TH AVENUE SUITE 200 • MIAMI, FL 33178
TEL 800.887.5551 • 305.594.0735
FAX 305.594.0755
WWW.CORRADINO.COM

Project Activity 18: Structures -Miscellaneous (RE1)

Conduct structural analysis (By Botas Engineering, Inc.) of the existing mast arm at the NE corner of W. McIntyre Street with Crandon Boulevard with the addition of the proposed Econolite Video Camera. As no as-builts are available, it will be considered that the existing mast arm complies with the Miami Dade County mast arm standards.

Project Activity 21: Signalization Analysis

Task No. 21.5 Reference and Master Design File

Includes all efforts required per intersection for establishing the signal master design file

Task No. 21.10 Quantities

Includes all work required to determine the quantities for each signalized intersection

Task No. 21.11 Cost Estimate

Includes preparing an Engineers Estimate and updating as necessary

Task No. 21.14 Field Reviews

Includes 1 field review for 5 intersections, includes travel time

Project Activity 22: Signalization Plans

Task No. 22.1 Key Sheet

Includes time to develop key sheet

Task No. 22.3 Tabulation of Quantities

Includes time to place pay item numbers, descriptions, quantities and totals

Task No. 22.4 General Notes/Pay Item Notes

Includes time to place provide general notes and pay item notes

Task No. 22.5 Plan Sheet

Includes all efforts required to create the signalization sheets.

Task No. 22.9 Special Details

Includes time to create special details

II. ADDITIONAL SERVICES

Additional Services, Permitting, Permitting Fees and Post Design Services are not part of this contract.

III. SCHEDULE OF WORK – TIME OF PERFORMANCE

Consultant shall submit the Deliverables and perform the Work as depicted in the tables below
(Additional pages may be added as needed)

<u>SCHEDULE OF DELIVERABLES</u>			
Task, Sub-task, or Activity ID #	Major Task, Sub-Task, Activity, or Deliverable	Duration (specify weeks or calendar days)	Delivery Date* (cumulative weeks or calendar days)
1	Phase I Submittal -90% Plans	6 weeks**	NTP + 6 weeks
2	Phase 2 Submittal – Final Plans & Final Permitting	4 weeks***	NTP + 10 weeks (pending on timely response from MDC Traffic & Signals Division)

RE1	Structural Analysis/Report	1 week	NTP +1 week
<i>* An updated schedule, indicating actual delivery dates, based on the above durations, will be provided to the Village upon receipt of the NTP and will be submitted to the Village of Key Biscayne. **Includes time for coordination with Miami-Dade County Public Works Traffic Signals and Signs Division ***May vary based on review delays from Village as well as by the Miami-Dade County Public Works Department Traffic Signals and Signs Division. .</i>			

IV. SUB-CONSULTANTS

The below listed Sub-Consultants will assist in the performance of the Work.

Sub-Consultant Name	Specialty or Expertise
Botas Engineering, Inc.	Structures

V. COMPENSATION

Consultant shall perform the Work detailed in this Proposal for a Total fee of \$41,367.20. The Village shall not be liable for any fee, cost, expense or reimbursable expense or other compensation beyond this amount. Said fee shall be negotiated with the Village as Additional Services (refer to Section II).

SUMMARY OF COMPENSATION			
Task or Activity ID #	Major Task Name and/or Activity Description	Fee Amount	Fee Basis
1	Phase I Submittal – 90% Plans	\$30,814.56	Lump Sum
2	Final Submittal – 100% Contract Plans	\$ 7,703.64	Lump Sum
	Subtotal – Professional Fees	\$38,518.20	Lump Sum
RE1	Structures (upon completion)	\$2,849.00	Lump Sum
	TOTAL	\$41,367.20	

**Note: Compensation should match the Task, Activities, and/or Deliverables identified.*

VI. PROJECT MANAGER

CONSULTANT'S Project Manager for this Work Order assignment will be Cecilia Villoria, P.E.

Submitted by:

Reviewed and approval in concept
recommended by:

Joseph M. Corradino, AICP
President
The Corradino Group, Inc.

Charles R. Press
Police Chief
Village of Key Biscayne